Date: Sat, 9 Jul 94 04:30:19 PDT
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V94 #216
To: Ham-Ant

Ham-Ant Digest   Sat, 9 Jul 94   Volume 94 : Issue 216

Today's Topics:

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

Date: 9 Jul 1994 06:48:12 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!concert!hearst.acc.Virginia.EDU!
portal.gmu.edu!mason1.gmu.edu!sjaves@network.ucsd.edu
Subject: How to repair TV antenna?
To: ham-ant@ucsd.edu

I have a roof mount, Yagi-style, UHF-VHF-FM TV antenna with some
bent elements. They are made of aluminum formed into a tubular
shape. If I try to bend them back into shape they break. Is
there a way to repair/replace these elements or do I have to buy
a whole new antenna. Thanks for any help.

Date: Fri, 8 Jul 1994 22:04:59 GMT
From: usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!yeshua.marcam.com!
zip.eecs.umich.edu!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!torn!news.unb.ca!
coranto.ucs.mun.ca!nstn.ns.@@ihnp4.ucsd.edu
Subject: Loop Antenna using SGC 230

To: ham-ant@ucsd.edu

In article <1994Jul7.205116.8695@schbbs.mot.com>,
RGAB10@waccvm.corp.mot.com (Steve Springer) wrote:

> I am considering the purchase of the SGC 230 antenna coupler using
> it with a small loop for a transmission/receiving antenna. Since the
> loop is directional, I would mount it on a rotator to take advantage
> of the inherent gain. Does anyone have experience with this type of
> configuration? How well does it work over the 160 to 10 meter bands?
> I've heard good things about the coupler, but not in this particular
> application. Thanks for any comments
>
> Steve K3NPK

I use some kind of delta loop on my boat with a SGC 230. I feed the
backstay
of the boat wich is connceted to the top of the 35 ft mast which is
connected
to the keel. The ground side of the tuner is also connected to the keel. I
use it regularly with good results on 80 thru 20 M. It loads well on all
bands but i think it becomes quite directionnal on 14 mHz and up.

Jean-Marie VE2AEY

Date: 8 Jul 1994 16:31:46 -0700
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!charnel.ecst.csuchico.edu!psgrain!news.tek.com!
cascade.ens.tek.com!not-for-mail@network.ucsd.edu
Subject: need 80 meter dipole help
To: ham-ant@ucsd.edu

>> I am looking for information on how to construct a small
>> 80 meter dipole. Due to the size of my lot I can not support
>> anything longer then 60 to 70 feet. .....
>
>
>>Cut a dipole (Inv. Vee?) for 40M. I wound 2 END LOADING coils; 200 turns
>of #18 magnet wire on a 1" PVC form (about 12 inches long total). Wind the
>turns close-spaced. Attach each coil to end of the 40M dipole. Add about
>24-36inches of 'dangler' wire to other end of each coil, you will use this
>to tune the antenna to resonance. Mine were about 26" long each. The 2:1
>SWR b/w was about 120Khz, not bad for a short dipole. I eventually use
>alligator clips on my danglers to re-tune the antenna from the SSB to
>CW section. Try it, you'll be pleasantly surprised. You get an added
>bonus: it still resonates on 40M! The coils act as traps on 40!

>

The thought occurs to me that it would probably be easier to tune as well as more efficient to make the 40 meter dipole, then add the coils on the ends with more wire off the ends, then JUMPER the coil to bring the antenna into resonance on 80 meters. That way you would have less of a compromise antenna (closer to full size) and less loss in the coils (heating loss).

Also, talking about W9INN (think that's correct) I have had good luck with his 40/80 meter 1/4 wavelength sloper. Think it might have had 160 meters on it too. Been a long time since I had it up in Aloha, OR. But anyway I was impressed with the simplicity of the antenna as well as the good service from the manufacturer.

Terry, KI7M

Date: 9 Jul 94 11:52:16 GMT
From: news-mail-gateway@ucsd.edu
Subject: subscribe
To: ham-ant@ucsd.edu

subscribe
hnelson@facstaff.wisc.edu

End of Ham-Ant Digest V94 #216
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